Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 15 Mar 2022 until 23:59 on Wednesday 16 Mar 2022

Forecast Issued on Tuesday 15 Mar 2022 at 03:12

Confidence: Medium confidence for cloud amounts on Tuesday and also timings of rainfall on Wednesday but high confidence for dry and settled conditions settling towards the end of the week as High pressure builds over England and Wales.

Headline for Tuesday 15 Mar 2022: Mainly dry but quite a cloudy day, fresh southerly winds.

Mountain weather hazards on Tuesday 15 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	10%	10%	10%	00%

Forecast for Tuesday 15 Mar 2022

Weather: Some clear spells overnight but perhaps some mist and fog patches forming at times. By dawn some sunny intervals but cloud will build during the day, although still some brighter spells to be had. Mainly dry throughout the day. Remaining cloudy but dry during the evening.

Chance of cloud-free hill tops above 800m: 80%, cloud mostly above the summits but perhaps some patches or scattered cloud around southern summits at times.

Low cloud and visibility: Visibility below the cloud is expected to be good or very good throughout the day. Patches or scattered cloud falling to 700m at times mainly around southern Fells. Visibility falling moderate or poor in any early mist or fog patches.

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Forecast for Tuesday 15 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/30 S	28/34 S	27/34 S	24/31 S	28/34 S	28/33 S	22/27 S
600	23/30 S	25/33 S	22/30 S	20/28 S	17/24 S	20/28 S	17/24 S
300	8/21 S	6/21 S	7/21 S	8/22 S	5/20 S	5/19 S	6/17 S
Valley	4/16 SE	5/18 SE	7/18 S	9/20 S	4/15 SW	5/18 S	6/16 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-6	2/-5	2/-5	3/-4	2/-4	2/-4	2/-4
600	2/-5	3/-3	4/-2	5/0	4/-0	4/-1	4/-1
300	3/0	4/2	6/4	8/6	6/5	6/4	5/3
Valley	5/3	6/4	8/7	10/8	8/7	8/6	7/6
Freezing Level*	800m	700m	1000m	1200m	1200m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Quite a cool feel on the summits with a fresh breeze and freezing level rising above the summits later in the day.

Forecast for Wednesday 16 Mar 2022

Weather: Some clear spells overnight and mainly dry. Some rain affecting the northern Fells during the morning and this spreading south in the afternoon, turning wintry around the summits during the afternoon. Rain clearing away during the evening and skies clearing.

Maximum wind: Southerly 10 mph becoming Northwesterly later 15-20mph.

Chance of cloud-free hill tops above 800m: 40%, broken low cloud especially in the west associated with the band of rain moving south becoming 90% later in the afternoon.

Low cloud and visibility: Broken cloud above 500m in the west, perhaps more scattered or patchy above 600m in the east. Visibility will be poor at times in outbreaks of rain during the day. Cloud clearing later in the afternoon and visibility becoming excellent later in the afternoon.

Temperature: **Valleys:** Plus 6 Celsius.
At 800m: Plus 3 Celsius fall to Minus 1 Celsius later.
Freezing level: 1200m falling to 600m later.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 14 March 2022. Location: Helvellyn summit at 12:05.Full report: The vast majority of the Lakeland fells and paths are now free from snow up to, and including, summit level. Aside from some insignificant patches, the only snow encountered now lies above 850m in sheltered spots and hollows and on steep north and east facing slopes. Any such snow lying on paths is easily avoidable with the only possible exception to this being the exits to both Striding and Swirral Edges. There is a snow free exit to the south of Striding's normal route and Swirral's exit only requires a step or two on snow. However, taking the wrong route in cloud could result in finding yourself on steep snow. Today the snow was firm allowing steps to be cut into it but with a summit temperature at midday just above freezing it would only take a marginal drop in temperature for the snow to harden and become icy making an excursion onto steep snow treacherous without crampons and an ice axe. At midday on the summit there were showers of hail and snow with neither settling. However, with the persistent precipitation this afternoon there is a possibility that walkers out on the highest fells on Tuesday may encounter some fresh snow. Temperature: plus 0.4 C, Maximum wind speed 38.1 mph, Wind chill: minus 9.0 C, Average wind speed: 28 mph

Issued at: 03:12 on Tue 15 Mar 2022

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